Docket Number (Optional) Application Number 13822 UNKNOWN INFORMATION DISCLOSURE CITATION Applicant(s) THEODORE M. LACH, III ET AL. (Use several sheets if necessary) Filing Date **Group Art Unit** 07/02/2003 **UNKNOWN** U.S. PATENT DOCUMENTS EXAMINER FILING DATE NAME CLASS **SUBCLASS** DOCUMENT NUMBER DATE INITIAL IF APPROPRIATE 439 BERG 736 09/20/1988 4,772,230 4,976,634 12/11/1990 GREEN ET AL. 439 589 174 YAMANASHI 151 5,278,357 01/11/1994 05/21/1996 KAN ET AL. 439 736 5,518,427 07/02/1996 ENDO ET AL. 174 84 C 5,532,433 10/12/1999 ISHIKAWA ET AL. 439 606 5,964,622 439 587 6,102,739 08/15/2000 MURAKAMI 08/22/2000 CHANG ET AL. 174 77 R 6,107,574 **ONODA** 439 587 10/17/2000 6,132,251 439 587 SAKAGUCHI ET AL. 10/16/2001 6,302,733 11/20/2001 **TAKAHASHI** 439 736 6,319,072 FOREIGN PATENT DOCUMENTS Translation COUNTRY CLASS SUBCLASS DATE REF DOCUMENT NUMBER YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

ATTY DOCKET NO. SERIAL NO. 13822 UNKNOWN INFORMATION DISCLOSURE CITATION APPLICANT(S) THEODORE M. LACH, III ET AL. (Use several sheets if necessary) FILING DATE 07/02/2003 **UNKNOWN U.S. PATENT DOCUMENTS** *EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE 11/27/2001 KAMINAGA ET AL. 6,321,734 123 634 05/14/2002 **SAKAGUCHI** 439 606 6,386,917 2001/0003687 A1 06/14/2001 **KONDO** 439 604 2001/0014559 A1 08/16/2001 AKIMOTO ET AL. 439 736 05/02/2002 439 2002/0052140 A1 HARA ET AL. 587 08/08/2002 HIRAKAWA ET AL. 2002/0104519 A1 123 651 **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS DATE CONSIDERED **EXAMINER** 05/04/2008 /Monique Jackson/ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not

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